

IN THE CLAIMS

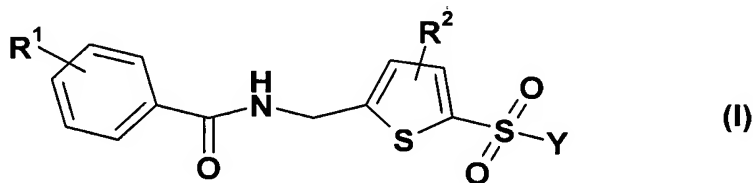
IN THE CLAIMS

Please amend the claims as follows:

Claims 1-10 (Canceled).

Claim 11 (Currently Amended): A method for treating ~~a metabolic disorder mediated by insulin resistance or hyperglycemia~~ type II diabetes, comprising:

administering to a mammal in need of treatment ~~for a metabolic disorder mediated by insulin resistance or hyperglycemia~~ an effective amount of at least one sulfonamide derivative compound according to formula I to treat type II diabetes



a geometrical isomer thereof, an optically active form as an enantiomer thereof, a diastereomer thereof, a racemate thereof, and a pharmaceutically acceptable salt thereof;

wherein Y is an 4-12-membered saturated cyclic or bicyclic alkyl containing at least one nitrogen atom, wherein one nitrogen atom in said ring is bonded to the sulfonyl group of formula I thus providing the sulfonamide;

R¹ is selected from the group consisting of hydrogen, C₁-C₆-alkoxy, C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, amino, sulfanyl, sulfinyl, sulfonyl, sulfonyloxy, sulfonamide, acylamino,

aminocarbonyl, C₁-C₆ alkoxycarbonyl, aryl, heteroaryl, carboxy, cyano, halogen, hydroxy, nitro, and hydrazides;

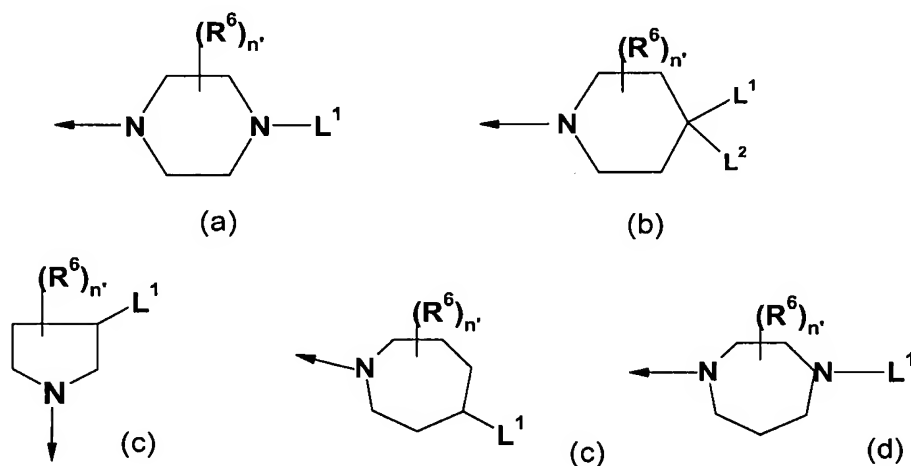
R² is selected from the group consisting of hydrogen, COOR³, -CONR³R^{3'}, OH, a C₁-C₄ alkyl substituted with an OH or amino group, a hydrazido carbonyl group, a sulfate, a sulfonate, an amine and an ammonium salt;

wherein R³ and R^{3'} are independently selected from the group consisting of H, C₁-C₆-alkyl, C₂-C₆-alkenyl, aryl, heteroaryl, aryl-C₁-C₆-alkyl, and heteroaryl-C₁-C₆-alkyl.

Claims 12-13 (Cancelled).

Claim 14 (Previously Presented): The method as claimed in claim 11, wherein R¹ is selected from the group consisting of hydrogen, halogen, C₁-C₆ alkyl and C₁-C₆ alkoxy.

Claim 15 (Previously Presented): The method as claimed in claim 11, wherein Y is at least one cyclic amine selected from the group consisting of



wherein, L^1 and L^2 are independently selected from the group consisting of C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, and C_4 - C_8 -cycloalkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or L^1 and L^2 are independently selected from the group consisting of aryl, heteroaryl, aryl- C_1 - C_6 -alkyl, heteroaryl- C_1 - C_6 -alkyl, $-C(O)-OR^3$, $-C(O)-R^3$, $-C(O)-NR^{3'}R^3$, $-NR^{3'}R^3$, $-NR^{3'}C(O)R^3$, $-NR^{3'}C(O)NR^{3'}R^3$, $-(SO)R^3$, $-(SO_2)R^3$, $-NSO_2R^3$, and $-SO_2NR^{3'}R^3$,

wherein R^3 and $R^{3'}$ are independently selected from the group consisting of H, C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, aryl, heteroaryl, aryl- C_1 - C_6 -alkyl, and heteroaryl- C_1 - C_6 -alkyl;

or L^1 and L^2 taken together form a 4-8-membered, saturated cyclic alkyl or heteroalkyl group; and

R^6 is selected from the group consisting of hydrogen, C_1 - C_6 -alkyl, C_1 - C_6 -alkoxy, OH, halogen, nitro, cyano, sulfonyl, and oxo ($=O$); and

n' is an integer from 0 to 4.

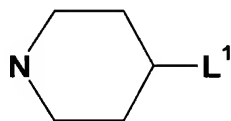
Claim 16 (Previously Presented): The method as claimed in claim 15, wherein n' is 1 or 2.

Claim 17 (Previously Presented): The method as claimed in claim 15, wherein R^6 is H, L^2 is H, L^1 is $-NR^{3'}R^3$; where at least one of $R^{3'}$ and R^3 is not hydrogen, but a substituent selected from the group consisting of straight or branched C_4 - C_{18} -alkyl, aryl- C_1 - C_{18} -alkyl, heteroaryl- C_2 - C_{18} -alkyl, and C_1 - C_{14} -alkyl substituted with a C_3 - C_{12} -cycloalkyl or -bicyclo or -tricycloalkyl; and wherein said alkyl chain may contain 1-3 O or S atoms.

Claim 18 (Previously Presented): The method as claimed in claim 17, wherein L^1 is $-NHR^3$; where R^3 is a straight or branched C_4 - C_{12} -alkyl, optionally substituted with a cyclohexyl group or a benzyl group.

Claim 19 (Previously Presented): The method as claimed in claim 18, wherein R^3 is a straight or branched C_6 - C_{12} -alkyl.

Claim 20 (Previously Presented): The method as claimed in claim 15, wherein Y is a piperidine group



L^1 is $-NHR^3$; where R^3 is a straight or branched C_4 - C_{12} -alkyl, or a benzyl group.

Claim 21 (Previously Presented): The method as claimed in claim 20, wherein R^3 is C_8 - C_{12} -alkyl.

Claim 22 (Currently Amended): The method as claimed in claim 11, wherein the sulfonamide derivative compound of formula I is at least one selected from the group consisting of

4-chloro-*N*-[5-(piperazine-1-sulfonyl)-thiophen-2-yl-methyl]-benzamide;

4-Chloro-*N*-{5-[4-(3-trifluoromethanesulfonyl-phenylamino)-piperidine-1-sulfonyl]-thiophen-2-ylmethyl}-benzamide;

4-chloro-*N*-({5-[(4-pyridin-2-ylpiperazin-1-yl)sulfonyl]thien-2-yl} methyl)benzamide;

4-chloro-N-[(5-{[4-(4-fluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-(trifluoromethyl)phenyl]piperazin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2-nitrophenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-nitrophenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2-furoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-hydroxyphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2-oxo-2-pyrrolidin-1-ylethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2-morpholin-4-yl-2-oxoethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(pyridin-4-ylmethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2-thien-2-ylethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3,5-dimethoxyphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(cyclohexylmethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2-methoxyphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(4-benzyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-phenylethyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-fluorobenzyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2-cyanophenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-chloro-3-(trifluoromethyl)phenyl]piperazin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-piperidin-1-ylpropyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[(4-{4-chloro-2-nitrophenyl}piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(6-methylpyridin-2-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[(4-hydroxy-4-phenylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-({5-[(4-benzoylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl)-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-benzylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl)-4-chlorobenzamide;

4-chloro-N-({5-[(4-oxo-1-phenyl-1,3,8-triazaspiro[4.5]dec-8-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-[2-(methylanilino)-2-oxoethyl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-[hydroxy(diphenyl)methyl]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(3-cyanopyrazin-2-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[(4-{5-nitropyridin-2-yl}piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-[5-(trifluoromethyl)pyridin-2-yl]piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N- {[5-({4-[3-(trifluoromethyl)pyridin-2-yl]piperazin-1-yl} sulfonyl)thien-2-yl)methyl} benzamide;

4-chloro-N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl] sulfonyl} thien-2-yl)methyl] benzamide;

methyl 5-{4-[(5-{[(4-chlorobenzoyl)amino]methyl} thien-2-yl) sulfonyl]piperazin-1-yl}-7-(trifluoromethyl)thieno[3,2-b]pyridine-3-carboxylate;

ethyl 2-{4-[(5-{[(4-chlorobenzoyl)amino]methyl} thien-2-yl) sulfonyl]piperazin-1-yl}-5-cyano-6-methylnicotinate;

4-chloro-N- {[5-({4-[5-cyano-4,6-bis(dimethylamino)pyridin-2-yl]piperazin-1-yl} sulfonyl)thien-2-yl)methyl} benzamide;

4-chloro-N- {[5-({4-[6-methyl-2-(trifluoromethyl)quinolin-4-yl]piperazin-1-yl} sulfonyl)thien-2-yl)methyl} benzamide;

tert-butyl 4-[(5-{[(4-chlorobenzoyl)amino]methyl} thien-2-yl) sulfonyl]piperazine-1-carboxylate;

2-{4-[(5-{[(4-chlorobenzoyl)amino]methyl} thien-2-yl) sulfonyl]piperazin-1-yl}-8-ethyl-5-oxo-5,8-dihydropyrido[2,3-d]pyrimidine-6-carboxylic acid;

7-{4-[(5-{[(4-chlorobenzoyl)amino]methyl} thien-2-yl) sulfonyl]piperazin-1-yl}-1-ethyl-6-fluoro-4-oxo-1,4-dihydro[1,8]naphthyridine-3-carboxylic acid;

7-{4-[(5-{[(4-chlorobenzoyl)amino]methyl} thien-2-yl) sulfonyl]piperazin-1-yl}-1-ethyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid;

4-chloro-N-[(5-{[4-(2,3-dihydro-1,4-benzodioxin-2-yl)carbonyl]piperazin-1-yl} sulfonyl) thien-2-yl)methyl] benzamide;

4-chloro-N- {[5-({4-[(2E)-3-phenylprop-2-enyl]piperazin-1-yl} sulfonyl)thien-2-yl)methyl} benzamide;

4-chloro-N-[(5-{[4-(3-phenylpropyl)piperazin-1-yl] sulfonyl} thien-2-yl)methyl] benzamide;

4-chloro-N-[(5-{[4-(3,4,5-trimethoxyphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(4-tert-butylbenzyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(4-fluorophenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2-hydroxyphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[4-(trifluoromethyl)pyridin-2-yl]piperazin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

4-chloro-N-[(5-{[4-(5-cyanopyridin-2-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

tert-butyl 1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-ylcarbamate;

4-chloro-N-({5-[(4-phenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl}benzamide;

4-chloro-N-{[5-(piperidin-1-ylsulfonyl)thien-2-yl]methyl}benzamide;

4-chloro-N-[(5-{[4-(1-naphthyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3,4-dichlorophenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[3-(trifluoromethyl)phenyl]piperazin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

4-chloro-N-{[5-({3-hydroxy-4-[3-(trifluoromethyl)phenyl]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

4-chloro-N-[(5-{[4-(2-methylphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[(1R,4R)-5-benzyl-2,5-diazabicyclo[2.2.1]hept-2-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

N-[(5-{[4-(benzyloxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-chlorodibenzo[b,f][1,4]oxazepin-11-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-(4-chlorophenyl)-2-(5-{[4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)acetamide;

4-chloro-N-({5-[4-(4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N-[(5-{[4-(4-acetylphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(3,5-dichloropyridin-4-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-methoxyphenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[4-(4-benzyl-4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;

N-{[5-({4-[(2-tert-butyl-1H-indol-5-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-4-chlorobenzamide;

4-chloro-N-{[5-({4-[(phenylacetyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

4-chloro-N-[(5-{[4-(tetrahydrofuran-2-ylcarbonyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(6-chloropyridin-2-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-chlorophenyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2H-1,2,3-benzotriazol-2-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(4-chlorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-phenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(benzyl(methyl)amino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(3-(2,4-dichlorophenyl)-1H-pyrazol-5-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(5-thien-2-yl-1H-pyrazol-3-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2,3,4,5,6-pentamethylbenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(phenylacetyl)-1,4-diazepan-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(5-(4-methoxyphenyl)-1H-pyrazol-3-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(anilinopiperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(3-phenyl-1,2,4-thiadiazol-5-yl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(heptylpiperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(octylpiperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

2-(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)-N-(4-chlorophenyl)acetamide;

2-{1-[5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-2H-1,2,3-benzotriazole-5-carboxylic acid;

4-chloro-N-[(5-{[4-(5-chloro-1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

methyl 1-{1-[5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-5-carboxylate;

methyl 1-{1-[5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-6-carboxylate;

methyl 2-{1-[5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-2H-1,2,3-benzotriazole-5-carboxylate;

4-chloro-N-[(5-{[4-(6-chloro-1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-{[4-[5-(trifluoromethyl)-1H-1,2,3-benzotriazol-1-yl]piperidin-1-yl]sulfonyl}thien-2-yl]methyl}benzamide;

N-[(5-{[4-(7-aza-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

1-{1-[5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-5-carboxylic acid ;

1-{1-[5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-6-carboxylic acid;

N-[(5-{[4-(2-amino-9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(6-amino-9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-({5-[(4-{6-nitro-1H-benzimidazol-1-yl}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-{5-nitro-1H-benzimidazol-1-yl}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(2H-1,2,3-triazol-2-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-{{5-([4-[3-propylanilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-{{5-([4-[3-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-{{5-([4-[3-(dimethylamino)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

methyl 3-({1-[(5-{[(4-chlorobenzoyl)amino]-methyl}thien-2-yl)sulfonyl]-piperidin-4-yl}amino)-benzoate;

4-chloro-N-{{5-([4-[3-(methylsulfanyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-{3-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-({1-[(5-[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino)benzamide;

4-chloro-N-{{5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl}methyl}benzamide;

4-chloro-N-({5-[(4-{2-nitro-4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

4-chloro-N-[(5-{{4-(4-chloroanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{{5-({4-[4-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl}methyl}benzamide;

4-chloro-N-({5-[(4-{4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

4-chloro-N-({5-[(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N-{{5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl}methyl}-4-chlorobenzamide;

4-chloro-N-{{5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl}methyl}benzamide;

N-[(5-{{4-(3-chloroanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

4-chloro-N-[(5-{{4-(3-chloroanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{{4-(3-methoxyanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{{5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl}methyl}benzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;

4-chloro-N-({5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(2-aminoanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-hydroxyanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-hydroxyanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[(4-{3-[(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(3-toluidino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-propylanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-({4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-yl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-propylanilino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-({3-nitropyridin-2-yl}amino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

N-{{5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

N-[(5-{{4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

N-[(5-{{4-(3-benzylanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{{4-(pyrimidin-2-ylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{{5-({4-[(4-(morpholin-4-yl)sulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-{{4-(trifluoromethyl)pyrimidin-2-yl}amino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{{4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-{{3-[(butylamino)sulfonyl]anilino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-[(5-{{4-(3-ethylanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{{4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-{{5-({4-[(3-aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-[(5-{{4-(quinolin-5-ylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{{4-(quinolin-8-ylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-Chloro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[(2E)-3-phenylprop-2-enoyl]piperazin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-{4-nitrobenzoyl}piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-({5-[(4-benzoylpiperazin-1-yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-{[5-({4-[4-(trifluoromethyl)benzoyl]piperazin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-{[5-({4-[4-(dimethylamino)benzoyl]piperazin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(2-fluorobenzoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2,6-difluorobenzoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-fluorobenzoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2-naphthoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(1-naphthoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[(4-{2-nitrobenzoyl}piperazin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(pyridin-3-ylcarbonyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2,1,3-benzoxadiazol-5-ylcarbonyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2,4-difluorobenzoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2,4,6-trifluorobenzoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2,6-dichlorobenzoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[(4-heptanoyl)piperazin-1-yl]sulfonyl}thien-2-yl)methylbenzamide;

4-chloro-N-[(5-{[4-(quinolin-8-ylsulfonyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

4-nitro-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

4-nitro-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

3-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-nitro-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-3-nitrobenzamide;

3-nitro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

3-nitro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

N-{[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-3-nitrobenzamide;

methyl 3-{[1-({5-[(3-nitrobenzoyl)amino]methyl}-thien-2-yl)sulfonyl]-piperidin-4-yl}amino}benzoate;

N-{[5-({4-[3-(aminocarbonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-3-nitrobenzamide;

3-nitro-N-({5-[(4-{3-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

3-nitro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-nitro-N-{[5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

3-nitro-N-({5-[(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(4-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N- {[5-({4-[4-(trifluoromethyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl}benzamide;

3-nitro-N-({5-[(4-{4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N- {[5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl}-3-nitrobenzamide;

N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N- {[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl}benzamide;

N- {[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl}-4-nitrobenzamide;

4-nitro-N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N- {[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl}benzamide;

4-nitro-N- {[5-({4-[3-(methylsulfanyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl}benzamide;

N- {[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl}-4-nitrobenzamide;

3- {[1-({5-[({4-nitrobenzoyl} amino)methyl]thien-2-yl} sulfonyl)piperidin-4-yl]amino}benzamide;

3- {[1-({5-[({4-nitrobenzoyl} amino)methyl]thien-2-yl} sulfonyl)piperidin-4-yl]amino}benzamide;

4-nitro-N-({5-[(4-{3-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

4-nitro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N- {[5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

4-nitro-N-({5-[(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N-[(5-{[4-(4-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N- {[5-({4-[4-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

4-nitro-N-({5-[(4-{4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N- {[5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-4-nitrobenzamide;

N- {[5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-4-nitrobenzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-nitrobenzamide;

N-({5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-nitrobenzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-nitrobenzamide;

N-({5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-nitrobenzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-nitrobenzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-nitrobenzamide;

3-nitro-N-({5-[(4-{3-[(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

4-nitro-N-({5-[(4-{3-[(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

3-nitro-N-[(5-{[4-({3-nitropyridin-2-yl}amino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-{{5-({4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-yl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}-3-nitrobenzamide;

N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-(2-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-nitro-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-{{5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

3-nitro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-nitrobenzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-{{5-({4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-nitro-N-[(5-{{4-(3-propylphenoxy)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{{4-(pyrimidin-2-ylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-{{5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-4-nitrobenzamide;

4-nitro-N-[(5-{{4-({3-nitropyridin-2-yl}amino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{{4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{{4-(2-propylanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{{4-(4-propylanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{{4-(3-tert-butylanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-{{5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-nitro-N-[(5-{{4-(2-phenylethyl)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-{{3-chloro-5-(trifluoromethyl)pyridin-2-yl}amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-4-nitrobenzamide;

N-[(5-{{4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{{4-(3-benzylanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-{{5-({4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl}benzamide;

N-[(5-{{4-(2-aminoanilino)piperidin-1-yl} sulfonyl} thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{{4-(pyrimidin-2-ylamino)piperidin-1-yl} sulfonyl} thien-2-yl)methyl]benzamide;

N-{{5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl}-3-nitrobenzamide;

N-({5-[[4-{2-nitro-4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-methoxybenzamide;

3-nitro-N-[(5-{{4-(3-phenylpropyl)piperazin-1-yl} sulfonyl} thien-2-yl)methyl]benzamide;

3-nitro-N-({5-[[4-{4-(trifluoromethyl)pyrimidin-2-yl}amino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N-[(5-{{4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl} sulfonyl} thien-2-yl)methyl]-3-nitrobenzamide;

N-({5-[[4-{3-[(butylamino)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-nitrobenzamide;

N-[(5-{{4-(3-ethylanilino)piperidin-1-yl} sulfonyl} thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{{4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl} sulfonyl} thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{{4-(3-propylphenoxy)piperidin-1-yl} sulfonyl} thien-2-yl)methyl]benzamide;

N-[(5-{{4-(2,4-difluorobenzoyl)piperidin-1-yl} sulfonyl} thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{{4-(2,4-difluorobenzoyl)piperidin-1-yl} sulfonyl} thien-2-yl)methyl]-3-methoxybenzamide;

2-Hydroxy-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-2-hydroxybenzamide;

N-{[5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-3-nitrobenzamide;

3-methoxy-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

3-methoxy-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

N-{[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-3-methoxybenzamide;

methyl 3-({1-[(5-{[(3-methoxybenzoyl)amino]-methyl}thien-2-yl)sulfonyl]-piperidin-4-yl}amino)-benzoate;

N-([5-([4-[3-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-([5-([4-(2-methoxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-([5-([4-[3-nitroanilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-([5-([4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-([5-([4-[2-nitroanilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-([5-([4-[4-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-([5-([4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-([5-([4-[3-chloroanilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-([5-([4-[4-chloroanilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-([5-([4-[4-[(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-([5-([4-[3-[amino(imino)methyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-([5-([4-[3-[(2-hydroxyethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-([5-([4-[3-[(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-methoxybenzamide;

3-methoxy-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N-[(5-{[4-(4-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-nitro-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

4-nitro-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N-[(5-{[4-(2-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-{{5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl}methyl}-3-methoxybenzamide;

N-[(5-{[4-({3-nitropyridin-2-yl}amino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-{{5-({4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl}methyl}-3-methoxybenzamide;

N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(2-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-({5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-({5-([4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-({5-([4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

3-methoxy-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(3-phenylpropyl)piperazin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-({5-([4-{[4-(trifluoromethyl)pyrimidin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-({5-[(4-{3-[(butylamino)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

N-[(5-{[4-(3-ethylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-5-nitro-1H-pyrazole-3-carboxamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-2-oxo-1,2-dihydropyridine-3-carboxamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-2-thioxo-1,2-dihydropyridine-3-carboxamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3,4-dihydroxybenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]pyridine-2-carboxamide;

N-[(5-{[4-(hexyloxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-({5-[(4-heptanoylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

4-chloro-N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-({5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl}-2-furyl)methyl}benzamide;

4-chloro-N-{{5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

4-chloro-N-{{5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

4-chloro-N-{{5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

N-{{5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}-4-chlorobenzamide;

methyl 3-({1-[(5-{{4-(4-chlorobenzoyl)amino}methyl)-2-furyl}sulfonyl]piperidin-4-yl}amino)benzoate;

3-({1-[(5-{{4-(4-chlorobenzoyl)amino}methyl)-2-furyl}sulfonyl]piperidin-4-yl}amino)benzamide;

4-chloro-N-({5-({4-[3-nitroanilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

4-chloro-N-({5-({4-[2-methoxyanilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

4-chloro-N-{{5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

4-chloro-N-({5-({4-[2-nitroanilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

4-chloro-N-({5-({4-[4-chloroanilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

4-chloro-N-{{5-({4-[4-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

4-chloro-N-({5-({4-[4-(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl)-2-furyl)methyl}benzamide;

N-{{5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}-4-chlorobenzamide;

4-chloro-N-({5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl}-2-furyl)methyl}benzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}-4-chlorobenzamide;

4-chloro-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]-2-furyl)methyl}-4-chlorobenzamide;

4-nitro-N-({5-[(4-{3-[(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl}benzamide;

4-chloro-N-({5-[(3-{3-[(trifluoromethyl)sulfonyl]anilino}pyrrolidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}azepan-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

5-{[(3-methoxybenzoyl)amino]methyl}-2-[(4-{3-[(trifluoromethyl)sulfonyl]-anilino}piperidin-1-yl)sulfonyl]thiophene-3-carboxylic acid;

5-{[(3-methoxybenzoyl)amino]methyl}-2-{[4-(octylamino)piperidin-1-yl)sulfonyl}thiophene-3-carboxylic acid;

N-(2-hydroxyethyl)-5-{[(3-methoxybenzoyl)amino]methyl}-2-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thiophene-3-carboxamide;

N-({4-(hydrazinocarbonyl)-5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}-piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

5-{[(3-methoxybenzoyl)amino]methyl}-2-[(4-{3-[(trifluoromethyl)sulfonyl]-anilino}piperidin-1-yl)sulfonyl]thiophene-3-carboxamide;

N-[2-(dimethylamino)ethyl]-5-[(3-methoxybenzoyl)amino]methyl}-2-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thiophene-3-carboxamide;

N-({4-(hydroxymethyl)-5-[(4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-methoxybenzamide;

4-chloro-N-[(5-{[4-(hexylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-Methoxy-N-[(5-({4-[(4-trifluoromethylbenzyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(1,3-thiazol-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(heptylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(pentylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(butylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(dodecylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-({4-[(2-cyclohexylethyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-({4-[(cyclohexylmethyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-({4-[(1R)-1-cyclohexylethyl]amino}piperidin-1-yl)sulfonyl)thien-2-yl)methyl]benzamide;

N-[(5-({4-[(1R,2R,4S)-bicyclo[2.2.1]hept-2-ylamino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-({4-[(2-propoxyethyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N- {[5-({4-[(1-adamantylmethyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N- {[5-({4-[(2-pyridin-2-ylethyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl} benzamide;

4-chloro-N- {[5-({4-[(2-piperidin-1-ylethyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl} benzamide;

4-chloro-N- {[5-({4-[(2-ethylhexyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl} benzamide;

4-chloro-N-({5-[(4-{[3-(1H-imidazol-1-yl)propyl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl} benzamide;

4-chloro-N-[(5-{[4-(octylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl] benzamide;

N-[(5-{[4-(heptylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(octylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl] benzamide;

3-methoxy-N-[(5-{[4-(pentylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl] benzamide;

N-[(5-{[4-(butylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{[4-(dodecylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N- {[5-({4-[(2-cyclohexylethyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

N-({5-[(4-{[(1R)-1-cyclohexylethyl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

N- {[5-({4-[(1R,2R,4S)-bicyclo[2.2.1]hept-2-ylamino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N- {[5-({4-[(2-propoxyethyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl} benzamide;

N-{{5-({4-[(1-adamantylmethyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

N-{{5-({4-[(3,3-diethoxypropyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-({4-[(3-morpholin-4-ylpropyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({4-[(2-pyridin-2-ylethyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({4-[(2-piperidin-1-ylethyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-{{5-({4-[(2-ethylhexyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

N-({5-[(4-{{3-(1H-imidazol-1-yl)propyl}amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

N-[(5-{{4-(hexylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{{4-(heptylamino)azepan-1-yl}sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{{4-(octylamino)azepan-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-[(5-{{4-(pentylamino)azepan-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{{4-(butylamino)azepan-1-yl}sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{{4-(dodecylamino)azepan-1-yl}sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-{{5-({4-[(2-cyclohexylethyl)amino]azepan-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

N-({5-[(4-[(1R)-1-cyclohexylethyl]amino)azepan-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

N-{{5-({4-[(1R,2R,4S)-bicyclo[2.2.1]hept-2-ylamino]azepan-1-yl)sulfonyl}thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-({4-[(2-propoxyethyl)amino]azepan-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

N-{{5-({4-[(cyclohexylmethyl)amino]azepan-1-yl)sulfonyl}thien-2-yl)methyl}-3-methoxybenzamide;

N-{{5-({4-[(1-adamantylmethyl)amino]azepan-1-yl)sulfonyl}thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-({4-[(3-morpholin-4-ylpropyl)amino]azepan-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({4-[(2-pyridin-2-ylethyl)amino]azepan-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({4-[(2-piperidin-1-ylethyl)amino]azepan-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

N-{{5-({4-[(2-ethylhexyl)amino]azepan-1-yl)sulfonyl}thien-2-yl)methyl}-3-methoxybenzamide;

N-({5-[(4-{{3-(1H-imidazol-1-yl)propyl}amino)azepan-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

4-chloro-N-[(5-{{4-(heptylamino)azepan-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{{4-(octylamino)azepan-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{{4-(pentylamino)azepan-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{{4-(butylamino)azepan-1-yl}sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(dodecylamino)azepan-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[(2-cyclohexylethyl)amino]azepan-1-yl} sulfonyl)thien-2-yl)methyl}benzamide;

N-{[5-({4-[(1R,2R,4S)-bicyclo[2.2.1]hept-2-ylamino]azepan-1-yl} sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-{[5-({4-[(2-propoxyethyl)amino]azepan-1-yl} sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-{[5-({4-[(2-ethylhexyl)amino]azepan-1-yl} sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(hexylamino)azepan-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(hexylamino)azepan-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-({2-[3-(trifluoromethyl)phenyl]ethyl} amino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-({5-[4- {2-(4-methylphenyl)ethyl} amino} piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

3-methoxy-N-({5-[4- {[(1S,2R)-2-phenylcyclopropyl] amino} piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

3-methoxy-N-{[5-({4-[(1-naphthylmethyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl}benzamide;

3-methoxy-N-{[5-({4-[(2-phenylpropyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl}benzamide;

N-({5-[4- {2-(4-hydroxyphenyl)ethyl} amino} piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

3-methoxy-N-{[5-({4-[(3-phenylpropyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl)methyl}benzamide;

N-{{5-({4-[(2,3-dihydroxypropyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

N-{{5-({4-[(2-hydroxyethyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-{{4-(nonylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-{{4-(decylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-{{4-(ethylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl}benzamide;

N-{{5-({4-[(2-[1,1'-biphenyl]-4-ylethyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

N-{{5-({4-[(1,1'-biphenyl)-3-ylmethyl]amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-({4-[(2-thien-2-ylethyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-{{4-{{4-[(trifluoromethyl)sulfonyl]benzyl}amino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({4-[(quinolin-4-ylmethyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-{{5-({4-[(1,1'-biphenyl)-4-ylmethyl]amino]-1-piperidinyl}sulfonyl)-2-thienyl)methyl}-3-methoxybenzamide;

4-chloro-N-{{5-({4-[(2-{{(trifluoromethyl)sulfonyl}amino}ethyl)amino]-1-piperidinyl}sulfonyl)-2-thienyl)methyl}benzamide;

4-chloro-N-{{5-{{4-(propylamino)-1-piperidinyl}sulfonyl}-2-thienyl)methyl}benzamide;

4-chloro-N-{{5-{{4-{{4-[(trifluoromethyl)sulfonyl]benzyl}amino)-1-piperidinyl}sulfonyl}-2-thienyl)methyl}benzamide;

4-chloro-N-{{5-({4-[(3,4-dihydroxybenzyl)amino]-1-piperidinyl}sulfonyl)-2-thienyl)methyl}benzamide;

methyl [{1-[(5-{{(4-chlorobenzoyl)amino}methyl}-2-thienyl)sulfonyl]-4-piperidinyl}(hexyl)amino]acetate;

tert-butyl [{1-[(5-{{(4-chlorobenzoyl)amino}methyl}-2-thienyl)sulfonyl]-4-piperidinyl}(hexyl)amino]acetate;

[{1-[(5-{{(4-chlorobenzoyl)amino}methyl}-2-thienyl)sulfonyl]-4-piperidinyl}(hexyl)amino]acetic acid;

N-[(5-{{3-(heptylamino)pyrrolidin-1-yl}sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{{3-(octylamino)pyrrolidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-[(5-{{3-(pentylamino)pyrrolidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{{3-(butylamino)pyrrolidin-1-yl}sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{{3-(dodecylamino)pyrrolidin-1-yl}sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-{{5-({3-[(2-cyclohexylethyl)amino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

N-({5-[(3-{{(1R)-1-cyclohexylethyl}amino}pyrrolidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

N-{{5-({3-[(1R,2R,4S)-bicyclo[2.2.1]hept-2-ylamino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-({3-[(2-propoxyethyl)amino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-{{5-({3-[(cyclohexylmethyl)amino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

N-{{5-({3-[(1-adamantylmethyl)amino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-({3-[(3-morpholin-4-ylpropyl)amino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({3-[(2-pyridin-2-ylethyl)amino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({3-[(2-piperidin-1-ylethyl)amino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-{{5-({3-[(2-ethylhexyl)amino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

N-[(5-{{3-(hexylamino)pyrrolidin-1-yl}sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

4-chloro-N-[(5-{{3-(heptylamino)pyrrolidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{{3-(hexylamino)pyrrolidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{{3-(pentylamino)pyrrolidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{{3-(butylamino)pyrrolidin-1-yl}sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-{{5-({3-[(2-cyclohexylethyl)amino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-{{5-({3-[(1R,2R,4S)-bicyclo[2.2.1]hept-2-ylamino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-({5-({3-({[(1-hydroxycyclohexyl)methyl]amino}pyrrolidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

N-{{5-({3-[(1-adamantylmethyl)amino]pyrrolidin-1-yl}sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N- {[5-({3-[(3-morpholin-4-ylpropyl)amino]pyrrolidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

4-chloro-N- {[5-({3-[(2-pyridin-2-ylethyl)amino]pyrrolidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

4-chloro-N- {[5-({3-[(2-piperidin-1-ylethyl)amino]pyrrolidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

4-chloro-N- {[5-({3-[(2-ethylhexyl)amino]pyrrolidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

4-chloro-N- {[5-({3-(octylamino)pyrrolidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

methyl (2S)-1-[(5- {[(4-chlorobenzoyl)amino]methyl }-2-thienyl)sulfonyl]-4-(hexylamino)-2-pyrrolidinecarboxylate;

3-methoxy-N- {[5-({4-[(pentylamino)methyl]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

N- {[5-({4-[2-(butylamino)ethyl]piperidin-1-yl} sulfonyl)thien-2-yl]methyl}-3-methoxybenzamide;

N- {[5-({4-[(4-butylanilino)methyl]-1-piperidinyl} sulfonyl)-2-thienyl]methyl}-3-methoxybenzamide;

4-chloro-N- {[5-({4-[hexyl(methyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

4-chloro-N- {[5-({4-[(cyclohexylmethyl)(hexyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

N- {[5-({4-[benzyl(hexyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl}-4-chlorobenzamide;

4-chloro-N- {[5-({4-[hexyl(pyridin-3-ylmethyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

4-chloro-N- {[5-({4-[hexyl(pyridin-4-ylmethyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

4-chloro-N- {[5-({4-[hexyl(pyridin-2-ylmethyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

N- {[5-({4-[butyl(hexyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} -4-chlorobenzamide;

4-chloro-N- {[5-({4-[hexyl(3-phenylpropyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

4-chloro-N- {[5-({4-[hexyl(2-phenylethyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

N- {[5-({4-[[(5-bromo-2-furyl)methyl](hexyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} -4-chlorobenzamide;

3-methoxy-N-({5-[(4- {methyl[4-(trifluoromethyl)benzyl]amino } -1-piperidiny] sulfonyl) -2-thienyl} methyl} benzamide;

4-chloro-N- {[5-({4-[(3-chlorobenzyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

3-methoxy-N-({5-[(4- {4-(trifluoromethyl)benzyl]amino } piperidin-1-yl) sulfonyl]thien-2-yl} methyl} benzamide;

3-methoxy-N- {[5-({4-[(3-methylbenzyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

3-methoxy-N- {[5-({4-[(4-propylbenzyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl} benzamide;

3-methoxy-N-({5-[(4- {3-(trifluoromethyl)benzyl]amino } piperidin-1-yl) sulfonyl]thien-2-yl} methyl} benzamide;

3-methoxy-N-({5-[(4-{[4-(trifluoromethoxy)benzyl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-({5-[(4-{[4-(difluoromethoxy)benzyl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-({4-[(2,3,4,5,6-pentamethylbenzyl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({4-[(4-propoxybenzyl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

N-{{5-({4-[(4-butoxybenzyl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-({4-[(4-methoxybenzyl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({4-[(pyridin-4-ylmethyl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({4-[(pyridin-2-ylmethyl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({4-[(pyridin-3-ylmethyl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

N-{{5-({4-[(4-tert-butylbenzyl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}-3-methoxybenzamide;

N-{{5-({4-[(3-ethoxybenzyl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-({4-[(4-phenoxybenzyl)amino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

3-methoxy-N-[(5-{[4-(4-(trifluoromethyl)sulfanyl]benzyl}amino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-({5-[4-{[4-(methylsulfonyl)benzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl}methyl)benzamide;

N-({5-[4-{[3,5-bis(trifluoromethyl)benzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl}methyl)-3-methoxybenzamide;

N-({5-[4-{[2,5-bis(trifluoromethyl)benzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl}methyl)-3-methoxybenzamide;

N-({5-[4-{[4-(ethylsulfanyl)benzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl}methyl)-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(3-(trifluoromethyl)sulfanyl]benzyl}amino)-1-piperidinyl)sulfonyl]-2-thienyl)methyl]benzamide;

N-({5-[4-{[(2,2-difluoro-1,3-benzodioxol-5-yl)methyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl}methyl)-3-methoxybenzamide;

N-{[5-(4-{[4-iodobenzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl}methyl}-3-methoxybenzamide;

N-({5-[4-{[4-(benzyloxy)benzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl}methyl)-3-methoxybenzamide;

N-{[5-(4-{[4-(mesitylmethyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl}methyl}-3-methoxybenzamide;

N-{[5-(4-{[4-(4-chlorobenzyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl}methyl}-3-methoxybenzamide;

N-{[5-(4-{[4-(4-ethylbenzyl)amino]-1-piperidinyl)sulfonyl]-2-thienyl}methyl}-3-methoxybenzamide;

3-methoxy-N-{{5-({4-[(4-pentylbenzyl)amino]-1-piperidinyl}sulfonyl)-2-thienyl)methyl}benzamide;

3-methoxy-N-{{5-({4-({1-[4-(trifluoromethyl)phenyl]ethyl}amino)-1-piperidinyl}sulfonyl)-2-thienyl)methyl}benzamide;

3-methoxy-N-{{5-({4-[(4-methylbenzyl)amino]-1-piperidinyl}sulfonyl)-2-thienyl)methyl}benzamide;

N-{{5-({4-[(4-butylbenzyl)amino]-1-piperidinyl}sulfonyl)-2-thienyl)methyl}-3-methoxybenzamide;

N-{{5-({4-[(4-isopropylbenzyl)amino]-1-piperidinyl}sulfonyl)-2-thienyl)methyl}-3-methoxybenzamide;

N-{{5-({4-[(4-isobutylbenzyl)amino]-1-piperidinyl}sulfonyl)-2-thienyl)methyl}-3-methoxybenzamide;

N-({5-[(4-{{(1-hydroxy-1 λ 5-pyridin-4-yl)methyl}amino)-1-piperidinyl}sulfonyl)-2-thienyl)methyl)-3-methoxybenzamide;

N-{{5-({4-[(2,3-dihydro-1,4-benzodioxin-6-yl)methyl]amino)-1-piperidinyl}sulfonyl)-2-thienyl)methyl}-3-methoxybenzamide;

N-{{5-({4-[(2,3-dihydro-1-benzofuran-5-yl)methyl]amino)-1-piperidinyl}sulfonyl)-2-thienyl)methyl}-3-methoxybenzamide;

4-chloro-N-{{5-({4-[(4-propylbenzyl)amino]-1-piperidinyl}sulfonyl)-2-thienyl)methyl}benzamide;

4-chloro-N-({5-[(4-{{4-(trifluoromethoxy)benzyl}amino)-1-piperidinyl}sulfonyl]-2-thienyl)methyl}benzamide;

4-chloro-N-({5-[(4-{{4-(difluoromethoxy)benzyl}amino)-1-piperidinyl}sulfonyl]-2-thienyl)methyl}benzamide;

4-chloro-N- {[5-({4-[(4-propoxybenzyl)amino]-1-piperidinyl} sulfonyl)-2-thienyl)methyl} benzamide;

N- {[5-({4-[(4-butoxybenzyl)amino]-1-piperidinyl} sulfonyl)-2-thienyl)methyl}-4-chlorobenzamide;

4-chloro-N- {[5-({4-[(4-quinolinylmethyl)amino]-1-piperidinyl} sulfonyl)-2-thienyl)methyl} benzamide;

N- {[5-({4-[(4-tert-butylbenzyl)amino]-1-piperidinyl} sulfonyl)-2-thienyl)methyl}-4-chlorobenzamide;

4-chloro-N- {[5-({4-[(4-phenoxybenzyl)amino]-1-piperidinyl} sulfonyl)-2-thienyl)methyl} benzamide;

4-chloro-N-[(5- {[4-({4-[(trifluoromethyl)sulfonyl]benzyl} amino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl] benzamide;

4-chloro-N-({5-[(4- {[4-(trifluoromethyl)benzyl] amino} -1-piperidinyl)sulfonyl]-2-thienyl} methyl) benzamide;

3-methoxy-N-({5-[(4- {[2-(trifluoromethyl)benzyl] amino} -1-piperidinyl)sulfonyl]-2-thienyl} methyl) benzamide;

3-methoxy-N-[(5- {[4-({6-(trifluoromethyl)-3-pyridinyl]methyl} amino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl] benzamide;

N-[(5- {[4-(benzylamino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5- {[4-({1-[4-(trifluoromethyl)phenyl]propyl} amino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl] benzamide;

3-methoxy-N-[(5- {[4-({1-methyl-1-[4-(trifluoromethyl)phenyl]ethyl} amino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl] benzamide;

4-chloro-N-[(5-{[4-({1-[4-(trifluoromethyl)phenyl]ethyl} amino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl]benzamide;

4-chloro-N-[(5-{[4-({1-methyl-1-[4-(trifluoromethyl)phenyl]ethyl} amino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl]benzamide;

4-chloro-N-[(5-{[2-({[4-(trifluoromethyl)benzyl]amino} methyl)-1-pyrrolidinyl]sulfonyl}-2-thienyl)methyl]benzamide;

4-chloro-N-[(5-{[(3R)-3-({[4-(trifluoromethyl)benzyl]amino} methyl)pyrrolidinyl]sulfonyl}-2-thienyl)methyl]benzamide;

4-chloro-N-({5-[(3-{[4-(trifluoromethyl)benzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl} methyl)benzamide;

4-chloro-N-({5-({3-[(hexylamino)methyl]-1-piperidinyl} sulfonyl)-2-thienyl} methyl} benzamide;

4-chloro-N-({5-[(3-{[4-(trifluoromethyl)benzyl]amino}-1-pyrrolidinyl)sulfonyl]-2-thienyl} methyl)benzamide;

4-chloro-N-({5-({(3R)-3-[(hexylamino)methyl]pyrrolidinyl} sulfonyl)-2-thienyl} methyl} benzamide;

4-chloro-N-[(5-{[3-({[4-(trifluoromethyl)benzyl]amino} methyl)-1-piperidinyl]sulfonyl}-2-thienyl)methyl]benzamide;

2-oxo-N-({5-[(4-{[4-(trifluoromethyl)benzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl} methyl)-1,2-dihydro-3-pyridinecarboxamide;

N-[(5-{[4-(hexylamino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl]-2-oxo-1,2-dihydro-3-pyridinecarboxamide;

N-[(5-{[4-(hexylamino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl]-2-hydroxybenzamide;

2-hydroxy-N-({5-[(4-{[4-(trifluoromethyl)benzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl} methyl)benzamide;

N-[(5-{[4-(hexylamino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl]-2-thioxo-1,2-dihydro-3-pyridinecarboxamide;

2-thioxo-N-({5-[(4-{[4-(trifluoromethyl)benzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl}methyl)-1,2-dihydro-3-pyridinecarboxamide;

N-[(5-{[4-(butylamino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl]-2-oxo-1,2-dihydro-3-pyridinecarboxamide;

N-({5-[(4-{ethyl[4-(trifluoromethyl)benzyl]amino}-1-piperidinyl)sulfonyl]-2-thienyl}methyl)-3-methoxybenzamide;

4-chloro-N-[(5-{[4-({imino[4-(trifluoromethyl)phenyl]methyl}amino)-1-piperidinyl]sulfonyl}-2-thienyl)methyl]benzamide;

1-[(5-{[(4-chlorobenzoyl)amino]methyl}-2-thienyl)sulfonyl]-4-(hexylamino)proline;

ethyl 2-{[4-(hexylamino)piperidin-1-yl]sulfonyl}-5-{[(3-methoxybenzoyl)amino]methyl}thiophene-3-carboxylate;

N-{[5-{[4-(hexylamino)piperidin-1-yl]sulfonyl}-4-(trimethylsilyl)thien-2-yl]methyl}-3-methoxybenzamide;

N-({5-[(4-(hexylamino)piperidin-1-yl]sulfonyl}-4-[hydroxy(phenyl)methyl]thien-2-yl}methyl)-3-methoxybenzamide;

5-[(3-Methoxy-benzoylamino)-methyl]-2-[4-(4-trifluoromethyl-benzylamino)-piperidine-1-sulfonyl]-thiophene-3-carboxylic acid ethyl ester; and

N-[(4-chloro-5-{[4-(hexylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide.

Claim 23 (Currently Amended): The method as claimed in claim 11, wherein the sulfonamide derivative of formula (I) is administered to the mammal in combination with at least one

supplementary drug selected from the group consisting of insulin, ~~an aldose reductase inhibitor,~~
~~an alpha-glucosidase inhibitor, a sulfonyl urea agent, a biguanide, a thiazolidine, a PPARs~~
~~agonist, and a GSK-3 inhibitor~~ 2- [(4-bromo-2-fluorophenyl)methyl]-6-fluoro- (9CI); Glycine,
N-[[6-methoxy-5-(trifluoromethyl)-1-naphtalenyl]thioxomethyl]-N-methyl-(9CI); Spiro[4H-1-
benzopyran-4,4'-imidazoline]-2',5'-dione, 6-fluoro-2,3-dihydro-, (4S)-(9CI); Methosorbinil; 1-
Phtalazineacetic acid, 3,4,4-dihydro-4-oxo-3-[[5-(trifluoromethyl)-2-benzothiazolyl]methyl]-
(9CI); 3-Thiazolidineacetic acid, 5-[(2E)-2-methyl-3-phenyl-2-propenylidene]-4-oxo-2-thioxo-,
(5Z)-(9CI); 3-[(4-bromo-2-fluorophenyl)-methyl]-7-chloro-3,4-dihydro-2,4-dioxo-1(2H)-
quinazoline acetic acid; 2,7-difluorospiro(9H-fluorene-9,4'-imidazolidine)-2',5'-dione; 1-
Phtalazineacetic acid, 3-[(4-bromo-2-fluorophenyl)methyl]3,4-dihydro-4-oxo-(9CI); 3-
Thiazolidineacetic acid, 5-[(2E)-2-methyl-3-phenyl-2-propenylidene-4-oxo-2-thioxo-, (5Z)-
(9CI); {3-[(4,5,7-trifluorobenzothiazol-2-yl)methyl]-5-methylphenylacetic acid}; 5-(3-ethoxy-4-
pentyloxyphenyl)-2,4-thiazolidinedione; Glycine, N[(7-fluoro-9-oxo-9H-xanthen-2-yl)sulfonyl]-
N-methyl-(9CI), Reg.No.124066-40-6)); 2,3-dihydro-2,8-bis(1-methylethyl)-3-thioxo-4H-1,4-
benzoxazine-4-acetic acid of the chloride salt form (4H-1,4-Benzoxazine-4-acetic acid, 2,3-
dihydro-2,8-bis(1-methylethyl)-3-thioxo-(9CI); (3',5'-dimethyl-4'-nitromethylsulfonyl-2-(2-
tolyl)acetanilide); 3,4-dihydro-2,8-diisopropyl-3-thioxo-2H-1,4-benzoxazine-4-acetic acid; 1-[(3-
bromo-2-benzofuranyl)sulfonyl]-2,4-imidazolidinedione; 1-Imidazolidineacetic acid, 3-[(3-
nitrophenyl)methyl]-2,4,5-trioxo-9(CI); 1-phtalazineacetic acid, 3,4-dihydro-4-oxo-3-[(5-
trifluoromethyl)-2-benzothiazolyl]-methyl]; Spiro[4H-1-benzopyran-4,4'-imidazolidine]-2',5'-
dione; 6-fluoro-2,3-dihydro-2-methyl-, (2R, 4S)-(9CI); 2H-1,4-Benzothiazine-2-acetic acid, 3, 4-
dihydro-3-oxo-4-[(4,5,7-trifluoro-2-benzothiazolyl)methyl]-(9CI); Spiro[pyrrolidine-3,6'(5'H)-
pyrrolo[1,2,3-de][1,4]benzoxazine]-2,5,5'-trione, 8'-chloro-2'-3'-dihydro-(9CI)(also known as

AND 138 or 8-chloro-2',3'-dihydrospiro[pyrolizine-3,6'(5H)-pyrrolo-[1,2,3-de]-[1,4]benzoxazine]2,5,5'-trione); 6-fluoro-2,3-dihydro-2',5'-dioxo-(2S-cis)-spiro[4H-1-benzopyran-4, 4'-imidazolidine]-2-carboxamide;

miglitol or acarbose, or the pharmaceutically acceptable salt form thereof;

glipizide, Glyburide (Glibenclamide) Chlorpropamide, Tolbutamide, Tolazamide and Glimepiride, and pharmaceutically acceptable salt forms thereof

Claim 24 (Currently Amended): ~~The method as claimed in claim 23~~ The method as claimed in claim 11, wherein the sulfonamide derivative of formula (I) is administered to the mammal in combination with at least one supplementary drug selected from the group consisting of, ~~wherein said supplementary drug is at least one selected from the group consisting of a rapid acting insulin, an intermediate acting insulin, a long acting insulin, a combination of intermediate and rapid acting insulins, Minalrestat, Tolrestat, Sorbinil, Methosorbinil, Zopolrestat, Epalrestat, Zenarestat, Imirestat, Ponalrestat, ONO-2235, GP-1447, CT-112, BAL-ARI 8, AD-5467, ZD5522, M-16209, NZ-314, M-79175, SPR-210, ADN 138, SNK-860, Miglitol, Acarbose, Glipizide, Glyburide, Chlorpropamide, Tolbutamide, Tolazamide, and Glimepiride.~~

Claim 25 (Previously Presented): The method as claimed in claim 11, wherein the sulfonamide derivative of formula (I) is administered orally, rectally, transdermally, subcutaneously, intravenously, intramuscularly, intrathecally, intraperiodontally, and intranasally.

Claims 26-39 (Cancelled).